



Tennessee Department of Environment and Conservation
Division of Water Pollution Control
Enforcement and Compliance Section
L&C Annex, 6th Floor, 401 Church Street
Nashville, TN 37243-1534

Small Municipal Separate Storm Sewer System (MS4) Annual Report

Directions: Save this form to your PC and then complete. Maintain a copy for your records. Submit your annual report to the address above or to the Environmental Field Office for your county, a list is attached.

Report Year: 20____ Due by: _____

Permittee Tracking No. TNS_____ Permittee Name: _____

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in part 6.7 of the small MS4 general permit.

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Signed _____ Dated _____

Printed Name and Title _____

Tennessee Department of Environment and Conservation Environmental Field Offices (EFOs) and Corresponding Counties

EFO Name	EFO Address	List of Counties
Chattanooga	Department of Environment and Conservation Division of Water Pollution Control State Office Building, Suite 550 540 McCallie Ave Chattanooga, TN 37402 (423) 634-5745	Bledsoe, Bradley, Grundy, Hamilton, McMinn, Marion, Meigs, Polk, Rhea, Sequatchie
Columbia	Department of Environment and Conservation Division of Water Pollution Control 2484 Park Plus Dr Columbia, TN 38401 (931) 380-3371	Bedford, Coffee, Franklin, Giles, Hickman, Lawrence, Lewis, Lincoln, Marshall, Maury, Moore, Perry, Wayne
Cookeville	Department of Environment and Conservation Division of Water Pollution Control 1221 South Willow Ave Cookeville, TN 38506 (931) 432-4015	Cannon, Clay, DeKalb, Fentress, Grundy, Jackson, Macon, Overton, Pickett, Putnam, Smith, Trousdale, Van Buren, Warren, White
Jackson	Department of Environment and Conservation Division of Water Pollution Control 1625 Hollywood Drive Jackson, TN 38305-2222 (731) 512-1300	Benton, Carroll, Chester, Crockett, Decatur, Dyer, Gibson, Hardeman, Hardin, Haywood, Henderson, Henry, Lake, Lauderdale, McNairy, Madison, Obion, Weakly
Johnson City	Department of Environment and Conservation Division of Water Pollution Control 2305 Silverdale Rd Johnson City, TN 37601 (423) 854-5400	Carter, Greene, Hancock, Hawkins, Johnson, Sullivan, Unicoi, Washington Counties
Knoxville	Department of Environment and Conservation Division of Water Pollution Control 3711 Middlebrook Pike Knoxville, TN 37921 (423) 594-6035	Anderson, Blount, Campbell, Claiborne, Cocke, Cumberland, Grainger, Hamblen, Jefferson, Knox, Loudon, Monroe, Morgan, Roane, Scott, Sevier, Union
Memphis	Department of Environment and Conservation Division of Water Pollution Control 2510 Mt. Moriah Rd, Suite E-645 Memphis, TN 38115-1511 (901) 368-7939	Fayette, Shelby, Tipton
Nashville	Department of Environment and Conservation Division of Water Pollution Control 711 RS Gass Boulevard Nashville, TN 37206 (615) 681-7000	Cheatham, Davidson, Dickson, Houston, Humphreys, Montgomery, Robertson, Rutherford, Stewart, Sumner, Williamson, Wilson

Table of Contents

List of the TDEC Environmental Field Offices (EFOs) and Corresponding Counties 1

I. Status of Compliance with Permit Conditions (5.4.1) Six Minimum Measures, BMPs and Milestones 1

 A. Status of Compliance with BMP Milestones 1

 B. Status of compliance for *amended and replaced BMPs* 2

II. Assessment of the appropriateness of identified BMPs (5.4.1) 2

III. Progress with respect to MEP and Measurable Goals (5.4.1)..... 3

 A. MEP..... 3

 B. Measurable goals..... 3

IV. Results of Information Collected and Analyzed (5.4.2) 3

V. Planned Activities and Proposed Changes to the Storm Water Management Program (5.4.3 and 5.4.4) 3

 A. Storm water activities planned for next reporting cycle..... 3

 B. Proposed changes to storm water management program 4

VI. Water Quality Controls for Discharges to Impaired Waterbodies (3.1.2)..... 5

VII. Protection of Listed Threatened or Endangered Species (3.2) 5

VIII. Explanation of Amended or Replaced BMPs (from Part I) 6

IX. Tracking of measurable goals..... 7

Status of Compliance with Permit Conditions (5.4.1) Six Minimum Measures, Best Management Practices (BMPs) and Milestones

Status of Compliance with BMP Milestones

The following table is designed for you to report the status of your progress in implementing storm water management BMPs. The table includes a list of BMPs by the code number. These BMP codes refer to the BMPs, and the respective codes, that you submitted to us in your NOI. [Or, in annual reports for years 2-5, these codes refer to amended BMPs as you reported to us in the previous year’s annual report]. Add rows if you have more than four BMPs; e.g., 1A, 1B, 1C, 1D, 1E, 1F.

Likewise, the milestone refers to the Year 1 milestone that you included in your NOI. [Or, in subsequent annual reports, the milestone refers to the milestone that you reported to us in the previous year’s annual report.]

You must check Yes or No for each of the BMPs that you submitted in your NOI.

- Check **Yes** if the BMP is essentially unchanged and you accomplished the milestone. Indicate a date of completion.
- Check **No** if you did not accomplish the milestone. If you check No, and you are not changing or replacing the BMP or the milestones, indicate the date you expect to complete the milestone.
- Check in one of the **Amended** columns if you wish us to recognize an amended BMP or an amended milestone. If you are amending the BMP, most likely you will also need to amend the milestone, and in that case, check both Amended BMP and Amended Milestone. If the BMP is unchanged, but you are changing milestones in subsequent years, check in the Amended Milestones column.
- If you indicate an amended BMP or milestone, then you should check in last column as well, indicating that you describe the amendment below and provide the necessary analysis in Part 0.

BMP Code	Milestone	Yes	No	Date completed or If “No,” Date to be completed	Amended/Replaced		An “Amended” response is described below and in Part 0.
					BMP	Milestones	Yes/No
1A	Year 1						
1B	Year 1						
1C	Year 1						
1D	Year 1						
2A	Year 1						
2B	Year 1						
2C	Year 1						
2D	Year 1						
3A	Year 1						
3B	Year 1						
3C	Year 1						
3D	Year 1						
4A	Year 1						
4B	Year 1						
4C	Year 1						
4D	Year 1						
5A	Year 1						
5B	Year 1						
5C	Year 1						
5D	Year 1						
6A	Year 1						
6B	Year 1						
6C	Year 1						
6D	Year 1						

Status of compliance for amended and replaced BMPs

For every amended/replaced BMP and/or milestone above, provide the compliance status with respect to the new milestone for this year. The new milestones must be detailed in Part VIII.

BMP Code	Mile-stone	Milestone Description	Yes	No	Date completed or If “No,” Date to be completed

Explanation for “No” Responses in either table above

BMP Code	Explanation for “No” Response

Assessment of the appropriateness of identified BMPs (5.4.1)

For every BMP or amended BMP, assess the appropriateness of the BMP in the following table. For the first year annual report, assume “Good” unless you have evidence to support an inappropriate, minimal or superior assessment.

BMP Code	Short title	We consider the listed BMP appropriate to the following degree:				
		Inappropriate	Minimal	Good	Superior	
1A						
1B						
1C						
1D						
2A						
2B						
2C						
2D						
3A						
3B						
3C						
3D						
4A						
4B						
4C						
4D						
5A						
5B						
5C						

BMP Code	Short title	We consider the listed BMP appropriate to the following degree:				
		Inappropriate	Minimal	Good	Superior	
5D						
6A						
6B						
6C						
6D						

Progress with respect to Maximum Extent Practicable (MEP) and Measurable Goals (5.4.1)

Element 5.4.1 requires you to report progress towards achieving the statutory goal of reducing the discharge of pollutants to the maximum extent practicable (MEP), and the measurable goals for each of the minimum control measures. *Maximum extent practicable* (MEP) is the statutory standard that establishes the level of pollutant reductions that operators of regulated MS4s must achieve. The CWA requires that NPDES permits for discharges from MS4s “shall require controls to reduce the discharge of pollutants to the maximum extent practicable, including management practices, control techniques and system, design and engineering methods.” CWA 402(p)(3)(B)(iii).

DIRECTIONS for MEP and Measurable goals:

In the first bracket insert the number of BMPs listed in your NOI, as updated by subsequent annual reports. Example: if each minimum measure has five BMPs associated with it, you would insert [30] as the number of BMPs. [6 X 5].

In the second bracket insert the number of Year 1 milestones accomplished. For example, if 27 Year 1 milestones are accomplished at the end of Year 1, then you would insert [27 of 30] in these brackets.

MEP
Of the [] BMPs that comprise our storm water management program in the six minimum measures, we have accomplished Year 1 milestones for[of]. This does / does not represent substantial progress in achieving the statutory goal of reducing the discharge of pollutants to the MEP.

Measurable goals
Of the [] BMPs shown above, we have accomplished Year 1 milestones for [of]. This represents progress toward achieving the measurable goals identified in our original NOI and in this annual report. For the measurable parameters/goals we have been able to track for this past year, the measurements are recorded in Part IX .

Signed

Dated

Printed Name and Title

Results of Information Collected and Analyzed (5.4.2)

Element 5.4.2 of the permit requires you to report results of information collected and analyzed, if any, during the reporting period, including monitoring data used to assess the success of the program at reducing the discharge of pollutants to the MEP

A brief summary of information, including analytical and/or non-analytical monitoring results, is listed below. Detailed information is collected and available at the offices of the MS4.

Parameter	Relevant BMP or Purpose of Information	Conclusions

Planned Activities and Proposed Changes to the Storm Water Management Program (5.4.3 and 5.4.4)Storm water activities planned for next reporting cycle

Element 5.4.3 requires a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule).

The storm water activities planned for the next reporting cycle are the BMPs as reflected in our NOI and as amended (if any) in subsequent annual reports, including this annual report, and are as follows:

BMP Code	Title/Name of BMP	Milestone for next reporting cycle
1A		
1B		
1C		
1D		
2A		
2B		
2C		
2D		
3A		
3B		
3C		
3D		
4A		
4B		
4C		
4D		
5A		
5B		
5C		
5D		
6A		
6B		
6C		
6D		

Additional, significant activities planned for the next reporting cycle are noted below.

Activity	Summary Description	Purpose

Proposed changes to storm water management program

Element 5.4.4 requires a report on proposed changes to your storm water management program, including changes to any BMPs or any identified measurable goals that apply to the program elements.

Amended and replacement BMPs (if any) are reflected in Part I.A. and Part VIII, and in the above table and will not be repeated here. Additional, proposed changes are noted below.

Change to Program	Summary Description	Rationale

Water Quality Controls for Discharges to Impaired Water bodies (3.1.2)

The table below lists impaired water bodies affected by discharges from this MS4, the pollutants of concern, and the two BMPs we believe to be the most significant in controlling discharges of these pollutants.

Stream Name	Pollutants	Priority BMP 1	Priority BMP 2

The table below lists impaired water bodies for which the state has promulgated a TMDL. For the water bodies indicated, we have complied with the requirements of the permit as noted by the check marks. [The table below includes two columns for two TMDLs. If additional space is needed, add additional table(s).]

Permit Requirement	Water body Name/ Pollutant of Concern	Water body Name/ Pollutant of Concern
3.1.3.1 Is the pollutant likely to be found in storm water discharges from the MS4?		
3.1.3.2 Does the <u>TMDL</u> include a pollutant waste load allocation, implementation recommendations, or other performance requirements specifically for storm water discharges from your MS4?		
3.1.3.3 Does the TMDL address a flow regime likely to occur during periods of storm water discharge?		
3.1.3.4 If the above three questions are true, does implementation of existing storm water control measures meet the TMDL provisions?		
3.1.3.4-Or are additional control measures are necessary?		
3.1.3.5 Current and planned control measures are documented.		
3.1.3.6 Describe method to evaluate whether storm water controls are adequate to meet the requirements of the TMDL.		
3.1.3.7 If additional or modified controls are necessary, describe the type and schedule for the control additions/revisions.		

Protection of Listed Threatened or Endangered Species (3.2)

We have followed the procedures given in section 3.2 of the Tennessee small MS4 general permit to ascertain whether or not storm water discharges from the MS4 are likely to jeopardize the continued existence of any species that are listed as endangered or threatened under the ESA, or result in the adverse modification or destruction of habitat that is designated as critical under the ESA (“critical habitat”). Below is a table indicating the procedures we have followed. We retain documentation of the evaluations and decisions reached through the evaluation.[See the permit at section 3.2 for more detailed list of evaluation criteria.]

Evaluation criteria	Yes/ No	Notes
3.2.1.2.1 Criteria A: No endangered or threatened species or critical habitat in proximity to MS4 or the point where discharges reach the receiving water		
3.2.1.2.2 Criteria B: Formal or informal consultation with the Fish and Wildlife Service under Section 7 of the Endangered Species Act (ESA) has been concluded and that consultation addressed effects of storm water activities or resulted in a no jeopardy or not-likely-to-affect opinion.		
3.2.1.2.3 Criteria C: Activities are authorized under Section 10 of the ESA		
3.2.1.2.4 Criteria D: Evaluated the effects of storm water discharges; we do not have reason to believe the discharge and discharge-related activities will jeopardize species or cause adverse modification or destruction of critical habitat.		

Signed

Dated

Printed Name and Title

Explanation of Amended or Replaced BMPs (from Part I)

The following table provides description(s) of BMPs and/or milestones we wish to amend this reporting year and subsequent years, as indicated. [Add tables as necessary.]Every BMP that is being amended or replaced, provide the following information and analysis. The BMPs you describe here should match the ones you indicated as “Amended/Replaced” in Part 0. of this annual report.

BMP Code:_____	BMP:
New BMP short title:	
New BMP description:	
BMP is being amended/replaced as:	Ineffective <input type="checkbox"/> Infeasible <input type="checkbox"/> See narrative. <input type="checkbox"/>
Expected effectiveness of new BMP:	
Why is the replacement BMP expected to achieve goals:	
BMP Milestone Year 1	
BMP Milestone Year 2	
BMP Milestone Year 3	
BMP Milestone Year 4	
BMP Milestone Year 5	
Narrative:	

BMP Code:_____	BMP:
New BMP short title:	
New BMP description:	
BMP is being amended/replaced as:	Ineffective <input type="checkbox"/> Infeasible <input type="checkbox"/> See narrative. <input type="checkbox"/>
Expected effectiveness of new BMP:	
Why is the replacement BMP expected to achieve goals:	
BMP Milestone Year 1	
BMP Milestone Year 2	
BMP Milestone Year 3	
BMP Milestone Year 4	
BMP Milestone Year 5	
Narrative:	

BMP Code:_____	BMP:
New BMP short title:	
New BMP description:	
BMP is being amended/replaced as:	Ineffective <input type="checkbox"/> Infeasible <input type="checkbox"/> See narrative. <input type="checkbox"/>
Expected effectiveness of new BMP:	
Why is the replacement BMP expected to achieve goals:	
BMP Milestone Year 1	
BMP Milestone Year 2	
BMP Milestone Year 3	
BMP Milestone Year 4	
BMP Milestone Year 5	
Narrative:	

BMP Code:_____	BMP:
New BMP short title:	
New BMP description:	

BMP is being amended/replaced as:	Ineffective <input type="checkbox"/> Infeasible <input type="checkbox"/> See narrative. <input type="checkbox"/>
Expected effectiveness of new BMP:	
Why is the replacement BMP expected to achieve goals:	
BMP Milestone Year 1	
BMP Milestone Year 2	
BMP Milestone Year 3	
BMP Milestone Year 4	
BMP Milestone Year 5	
Narrative:	

Tracking of measurable goals

For each of your BMPs, you should have established a measurable parameter, and goal in terms of that measurable parameter. Measurable parameters are ways to measure activities or effects of a BMP. The goal is the parameter value established as a target. If you are not yet measuring the parameter for a given BMP, indicate Not Applicable Yet (NAY) in the Result column.

BMPode	BMP Title	Measurable parameter	Result	Goal
1A				
1B				
1C				
1D				
2A				
2B				
2C				
2D				
3A				
3B				
3C				
3D				
4A				
4B				
4C				
4D				
5A				
5B				
5C				
5D				
6A				
6B				
6C				
6D				

